

FEB 08 2005

FORM PTO-1449

THIRTEENTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET No.
0942.5010002/RWE/BJD/JKMAPPLICATION No.
09/732,914APPLICANT(S)
Cheo *et al.*FILING DATE
December 11, 2000ART UNIT
1636

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
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	AD						
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	AG20	6,040,138	03/21/2000	Lockhart <i>et al.</i>			09/15/1995
	AH20	6,303,301	10/16/2001	Mack			05/29/1998
	AI20	6,309,822	10/30/2001	Fodor <i>et al.</i>			12/23/1996
	AJ20	6,333,155	12/25/2001	Lockhart <i>et al.</i>			12/18/1998
	AK20	2002/0162126	10/31/2002	Beach <i>et al.</i>			05/24/2001

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL23	WO 01/68836	09/20/2001	WIPO			Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS	215	Baum, J.A., "Tn5401, a New Class II Transposable Element From <i>Bacillus thuringiensis</i> ," <i>J. Bacteriol.</i> 176:2835-2845, American Society for Microbiology (1994)
	AT	215	Office Action for U.S. Patent Application No. 10/796,868, mailed on January 25, 2005

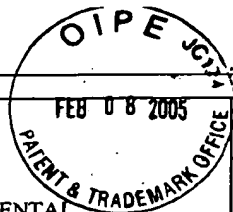
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JAMES KETTER

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4/17/05

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	AA21	6,544,790	04/08/2003	Sabatini			09/18/2000
	AB21	2003/0135888	07/17/2003	Zhu <i>et al.</i>			09/26/2002
	AC21	2003/0175772	09/18/2003	Wang			12/26/2002
	AD21	2004/0040053	02/26/2004	Nomura <i>et al.</i>			11/22/2002
	AE21	2004/0219516	11/04/2004	Bennett <i>et al.</i>			07/18/2003
	AF21	2004/0229229	11/18/2004	Cheo <i>et al.</i>			08/14/2003
	AG21	2004/0253631	12/16/2004	Hartley <i>et al.</i>			07/19/2004
	AH21	2004/0265863	12/30/2004	Chesnut <i>et al.</i>			03/04/2004
	AI21	2005/0009091	01/13/2005	Hartley <i>et al.</i>			08/19/2004
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	AM						Yes No
	AN						Yes No
	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	216	U.S. Patent Application No. 10/913,501, Chesnut <i>et al.</i>, filed August 9, 2004 (NOT PUBLISHED)
	AS	216	U.S. Patent Application No. 10/970,635, Hanson, filed October 22, 2004 (NOT PUBLISHED)
	AT	216	Short, J.M. <i>et al.</i> , "λ ZAP: a bacteriophage λ expression vector with <i>in vivo</i> excision properties," <i>Nucleic Acids Research</i> 16:7583-7600, IRL Press Limited (1988)

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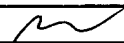
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	AA6						
	AB6						
	AC6						
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	AJ6						
	AK6	4,626,505	12/02/1986	Falco	435	172.3	02/24/1984

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	AM						Yes No
	AN						Yes No
	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	103	
	AS	103	
	AT	103	Barnes, G., and Rine, J., "Regulated expression of endonuclease <i>EcoRI</i> in <i>Saccharomyces cerevisiae</i> : Nuclear entry and biological consequences," <i>Proc. Natl. Acad. Sci. USA</i> 82: 1354-1358, National Academy of Sciences (1985).

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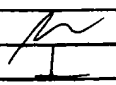
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	AA7	5,837,458	11/17/1998	Minshull <i>et al.</i>	435	6	05/20/1996
	AB7	6,365,377 B1	04/02/2002	Patten <i>et al.</i>	435	91.1	03/03/2000
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>104</u>	Bauer, C.E. <i>et al.</i> , "Extent of Sequence Homology Required for Bacteriophage Lambda Site-specific Recombination," <i>J. Mol. Biol.</i> 181: 187-197, Academic Press Inc. (1985).
	AS	<u>104</u>	Brent, R., and Ptashne, M., "A bacterial repressor protein or a yeast transcriptional terminator can block upstream activation of a yeast gene," <i>Nature</i> 312: 612-615, Macmillan Journals Ltd. (1984).
	AT	<u>104</u>	Cherapanov, P.P., and Wackernagel, W., "Gene disruption in <i>Escherichia coli</i> : Tc ^R and Km ^R cassettes with the option of Flp-catalyzed excision of the antibiotic-resistance determinant," <i>Gene</i> 158: 9-14, Elsevier Science B.V. (1995).

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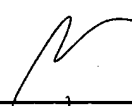


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	AR	<u>105</u>	Collis, C.M. and Hall, R.M., "Expression of Antibiotic Resistance Genes in the Integrated Cassettes of Integrins," <i>Antimicrobial Agents and Chemotherapy</i> 39: 155-162 (1995).
	AS	<u>105</u>	CLONTECH, "Creator™ Acceptor Vector Construction Kit" <i>CLONTECHniques</i> 16:2 pages, CLONTECH (October 2001).
	AT	<u>105</u>	CLONTECH, "Creator™ Gene Cloning & Expression System," <i>CLONTECHniques</i> 15:7-11, CLONTECH (April 2000).

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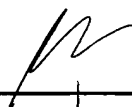


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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>106</u>	CLONTECH, "Creator™ pDNR-Dual Cloning Kit," CLONTECHniques 16:3 pages, CLONTECH (October 2001).				
	AS	<u>106</u>	CLONTECH, "Creator™ SMART™ Library Construction Kit," CLONTECHniques 16:2 pages, CLONTECH (October 2001).				
	AT	<u>106</u>	CLONTECH, "Creator™: The Universal Platform for Analysis of Gene Function," Powerpoint Presentation, pp. 1-9, CLONTECH (July 24, 2001), available at http://www.clontech.com/products/families/creator/popups/s1page1.html .				

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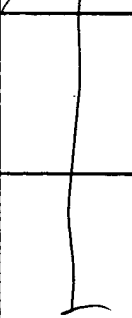

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	AN						Yes No
	AO						Yes No
	AP						Yes No

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	AR	107	CLONTECH, "New Additions to the Creator™ Platform," CLONTECHniques 16:1-4, CLONTECH (January 2001).
	AS	107	CLONTECH, "New Creator™ -Compatible Expression Systems," CLONTECHniques 15:2 pages, CLONTECH (October 2000).
	AT	107	Enquist, L.W., and Weisberg, R.A., "The Red Plaque Test: A Rapid Method for Identification of Excision Defective Variants of Bacteriophage Lambda," Virology 72: 147-153, Academic Press, Inc. (1976).

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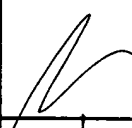
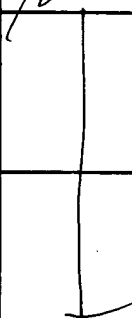

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>108</u>	Iino, T., and Kutsukake, K., "Trans-acting Genes of Bacteriophages P1 and Mu Mediate Inversion of a Specific DNA Segment Involved in Flagellar Phase Variation of <i>Salmonella</i> ," <i>Cold Spring Harbor Symposia on Quantitative Biology</i> 45: 11-16, Cold Spring Harbor Laboratory (1981).
	AS	<u>108</u>	Klippel, A. <i>et al.</i> , "Isolation and characterization of unusual <i>gin</i> mutants," <i>The EMBO Journal</i> 7: 3983-3989, IRL Press Inc. (1988).
	AT	<u>108</u>	Langeveld, S.A. <i>et al.</i> , "Expression of an <i>Escherichia coli</i> <i>phr</i> gene in the yeast <i>Saccharomyces cerevisiae</i> ," <i>Mol. Gen. Genet.</i> 199: 396-400, Springer-Verlag (1985).

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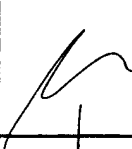


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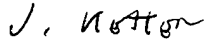
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>109</u>	Miller, H.I. <i>et al.</i> , "int-h: an int Mutation of Phage λ That Enhances Site-Specific Recombination," <i>Cell</i> 20: 721-729, MIT (1980).				
	AS	<u>109</u>	Okayama, H., and Berg, P., "Bacteriophage Lambda Vector for Transducing a cDNA Clone Library into Mammalian Cells," <i>Molecular and Cellular Biology</i> 5: 1136-1142, American Society for Microbiology (1985).				
	AT	<u>109</u>	Sauer, B., "Expression and Functioning in Yeast of a Bacterial Site Specific Recombination System," <i>J. Cell. Bio. Chem. Supp.</i> 10(b): 242 (1340), Alan R. Liss, Inc. (1986).				

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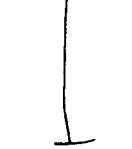
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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>110</u>	Sauer, B., and Henderson, N., "Site-specific DNA recombination in mammalian cells by the Cre recombinase of bacteriophage P1," <i>Proc. Natl. Acad. Sci. USA</i> 85: 5166-5170, National Academy of Sciences (1988).
	AS	<u>110</u>	Scott, S.D., and Marples, B., "Comment on the use of the cre/loxP recombinase system for gene therapy vectors," <i>Gene Therapy</i> 7: 1706, Macmillan Publishers Ltd. (2000).
	AT	<u>110</u>	Vetter, D. <i>et al.</i> , "Site-specific recombination of yeast 2- μ m DNA <i>in vitro</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 80: 7284-7288, National Academy of Sciences (1983).

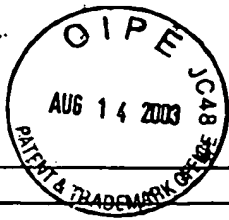
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FOREIGN PATENT DOCUMENTS

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	AL9						Yes No
	AM9						Yes No
	AN9	WO 96/40722	12/19/1996	WIPO			Yes No
	AO9						Yes No
	AP9						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	111	Cormack, B., "Directed Mutagenesis Using the Polymerase Chain Reaction," in <i>Current Protocols in Molecular Biology</i> 1:8.5.1-8.5.10, Ausubel, F.M., <i>et al.</i> , eds., John Wiley & Sons, Inc. (1997).
	AS	111	Feinbaum, R., "Vectors Derived from Plasmids," in <i>Current Protocols in Molecular Biology</i> 1:1.5.1-1.5.17, Ausubel, F.M., <i>et al.</i> , eds., John Wiley & Sons, Inc. (1998).
	AT	111	Johnson, R.C., <i>et al.</i> , "Isolation of the gene encoding the Hin recombinational enhancer binding protein," <i>Proc. Natl. Acad. Sci. USA</i> 85:3484-3488, National Academy of Sciences (1988).

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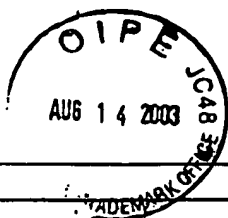
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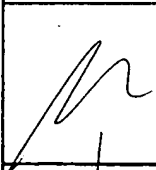
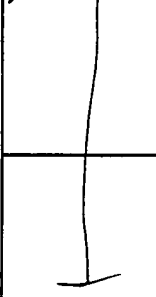
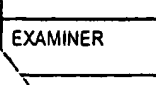
AUG 15 2003

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FOREIGN PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	112	Koch, C., <i>et al.</i> , "Escherichia coli host factor for site-specific DNA inversion: Cloning and characterization of the <i>fis</i> gene," <i>Proc. Natl. Acad. Sci. USA</i> 85: 4237-4241, National Academy of Sciences (1988).
	AS	112	Osuna, R., <i>et al.</i> , "Identification of two functional regions in Fis: the N-terminus is required to promote Hin-mediated DNA inversion but not λ excision," <i>The EMBO Journal</i> 10: 1593-1603, Oxford University Press (1991).
	AT	112	Sambrook, J., <i>et al.</i> , "Expression of Cloned Genes in Cultured Mammalian Cells," in <i>Molecular Cloning A Laboratory Manual</i> , Second Edition, Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY, pp. 16.6-16.8 (1989).

EXAMINER

JAMES KETTER

DATE CONSIDERED

9/17/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.
One copy of this form with next communication to Applicant.



FORM PTO-1449

SIXTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5010002/RWE/BJD/JKMAPPLICATION NO.
09/732,914APPLICANT
CHEO *et al.*FILING DATE
December 11, 2000GROUP
1636

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	113	Stryer, L., <i>Biochemistry</i> , Second Edition, W.H. Freeman and Company, New York, pp. 610 (1981).
	AS	113	
	AT	113	

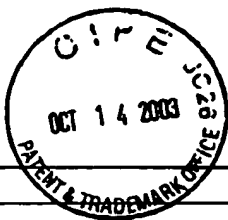
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FORM PTO-1449

ATTY. DOCKET NO.
0942.5010002/RWE/BJD/JKMAPPLICATION NO.
09/732,914SEVENTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENTAPPLICANT
CHEO *et al.*FILING DATE
December 11, 2000GROUP
1636

U.S. PATENT DOCUMENTS

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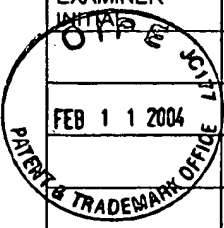
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FORM PTO-1449

EIGHTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0942.5010002/RWE/BJD/JKMAPPLICATION NO.
09/732,914FIRST NAMED INVENTOR
Cheo *et al.*FILING DATE
December 11, 2000ART UNIT
1636

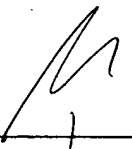

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS	<u>113</u>	Kuempel, P., <i>et al.</i> , "Use of a transposon (Tndif) to obtain suppressing and nonsuppressing insertions of the <i>dif</i> resolvase site of <i>Escherichia coli</i> ," <i>Genes Dev.</i> 10:1162-1171, Cold Spring Harbor Laboratory Press (July 1, 1996).
	AT	<u>113</u>	Lee, M.H., <i>et al.</i> , "Site-specific integration of mycobacteriophage L5: Integration-proficient vectors for <i>Mycobacterium smegmatis</i> , <i>Mycobacterium tuberculosis</i> and bacille Calmette-Guérin," <i>Proc. Natl. Acad. Sci. USA</i> 88:3111-3115, National Academy of Sciences (1991).

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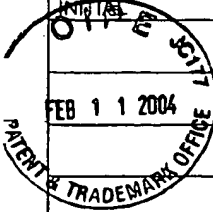
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09/732,914FIRST NAMED INVENTOR
Cheo *et al.*FILING DATE
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1636


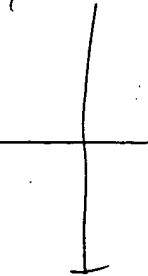
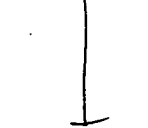
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>114</u>	Manning, P.A., <i>et al.</i> , "Gene Capture in <i>Vibrio cholera</i> ," <i>Trends in Microbiology</i> 7:93-95, Elsevier Science (1999).
	AS	<u>114</u>	Murayama, N. <i>et al.</i> "Evidence for Involvement of <i>Escherichia coli</i> Genes <i>pmbA</i> , <i>csrA</i> and a Previously Unrecognized Gene <i>tldD</i> , in the Control of DNA Gyrase by <i>letD</i> (<i>ccdB</i>) of Sex Factor F," <i>J. Mol. Biol.</i> 256:483-502 Academic Press Limited (1996).
	AT	<u>114</u>	Shuman, S., "Novel Approach to Molecular Cloning and Polynucleotide Synthesis Using Vaccinia DNA Topoisomerase," <i>J. Biol. Chem.</i> 269:32678-32684, The American Society for Biochemistry and Molecular Biology, Inc. (1994).

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FORM PTO-1449

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0942.5010002/RWE/BJD/JKMAPPLICATION NO.
09/732,914FIRST NAMED INVENTOR
Cheo *et al.*FILING DATE
December 11, 2000ART UNIT
1636


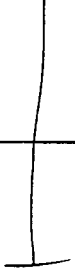
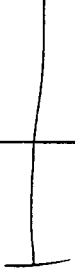
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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>115</u>	Zechiedrich, E.L., <i>et al.</i> , "Topoisomerase IV, not gyrase, decatenates products of site-specific recombination in <i>Escherichia coli</i> ," <i>Genes Dev.</i> 11:2580-2592, Cold Spring Harbor Laboratory Press (1997).
	AS	<u>115</u>	Institut Pasteur Website, Introduction: http://www.pasteur.fr/recherche/unites/pmtg/integ/intro.html (accessed 6/19/2003).
	AT	<u>115</u>	Institut Pasteur Website, Figure 1: http://www.pasteur.fr/recherche/unites/pmtg/integ/fig1.html (accessed 6/19/2003).

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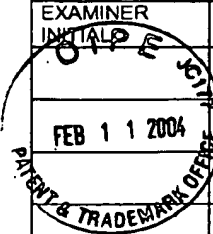
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EIGHTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0942.5010002/RWE/BJD/JKM
FIRST NAMED INVENTOR
Cheo *et al.*
FILING DATE
December 11, 2000APPLICATION NO.
09/732,914
ART UNIT
1636


U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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	AN						Yes No
	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>116</u>	Institut Pasteur Website, Figure 2: http://www.pasteur.fr/recherche/unites/pmtg/integ/fig2.html (accessed 6/19/2003).
	AS	<u>116</u>	Institut Pasteur Website, Figure 3: http://www.pasteur.fr/recherche/unites/pmtg/integ/fig3.html (accessed 6/19/2003).
	AT	<u>116</u>	Institut Pasteur Website, Main page: http://www.pasteur.fr/recherche/unites/pmtg (accessed 6/19/2003).

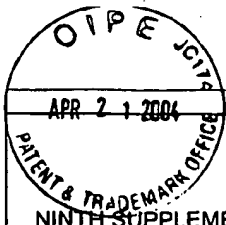
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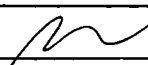
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Page 1 of 1

FORM PTO-1449

NINTH SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENTATTY. DOCKET NO.
0942.5010002/RWE/BJD/JKMAPPLICATION NO.
09/732,914FIRST NAMED INVENTOR
Cheo *et al.*FILING DATE
December 11, 2000ART UNIT
1636


U.S. PATENT DOCUMENTS

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	AB7	2002/0182731 A1	12/05/2002	Ji <i>et al.</i>			01/25/2002
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FOREIGN PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	117	Stuurman, J., <i>et al.</i> , "Single-site manipulation of tomato chromosomes <i>in vitro</i> and <i>in vivo</i> using Cre-lox site-specific recombination," <i>Plant Molec. Biol.</i> 32:901-913, Kluwer Academic Publishers (1996)
	AS		
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DATE CONSIDERED

7/13/05

EXAMINER: Initial if reference considered appropriate for citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

TENTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0942.5010002/RWE/BJD/JKMAPPLICATION NO.
09/732,914APPLICANT(S)
Cheo *et al.*FILING DATE
December 11, 2000ART UNIT
1636

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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	AC7	2002/0007051	01/17/2002	Cheo <i>et al.</i>			12/11/2000
	AD7	2002/0068290	06/06/2002	Yarovinsky			05/31/2001
	AE7	2002/0094574	07/18/2002	Hartley <i>et al.</i>			05/16/2001
	AF7	2002/0172997	11/21/2002	Hartley <i>et al.</i>			07/19/2001
	AG7	2002/0192819	12/19/2002	Hartley <i>et al.</i>			07/19/2001
	AH7	2003/0027289	02/06/2003	Farmer			04/05/2002
	AI7	2003/0054555	03/20/2003	Farmer <i>et al.</i>			09/17/2002
	AJ7	2003/0054552	03/20/2003	Hartley <i>et al.</i>			01/30/2002
	AK7	2003/0059900	03/27/2003	Farmer			01/17/2002

FOREIGN PATENT DOCUMENTS

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	AN						Yes No
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	AP9	WO 02/00875	01/03/2002	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS	117	Ball, C.A. and Johnson, R.C., "Efficient Excision of Phage λ from the <i>Escherichia coli</i> Chromosome Requires the Fis Protein," <i>J. Bacteriol.</i> 173: 4027-4031, American Society for Microbiology (July 1991)
	AT	117	Bruckner, R.C. and Cox, M.M., "The Histone-like H Protein of <i>Escherichia coli</i> is ribosomal protein S3," <i>Nucl. Acids Res.</i> 17:3145-3161, Oxford University Press (1989)

EXAMINER

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DATE CONSIDERED

4/17/05

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FORM PTO-1449

TENTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0942.5010002/RWE/BJD/JKMAPPLICATION NO.
09/732,914

APPLICANT(S)

Cheo *et al.*

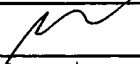
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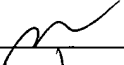
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U.S. PATENT DOCUMENTS

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	AC8	2003/0077804	04/24/2003	Byrd <i>et al.</i>			04/19/2002
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	AE8	2003/0153055	08/14/2003	Miles <i>et al.</i>			02/20/2003
	AF8	2003/0157716	08/21/2003	Hartley <i>et al.</i>			11/02/2001
	AG8	2003/0157662	08/21/2003	Gerard <i>et al.</i>			11/13/2002
	AH8	2003/0175970	09/18/2003	Hartley <i>et al.</i>			11/21/2002
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	AJ8	2003/0186233	10/02/2003	Chesnut <i>et al.</i>			12/07/2001
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	AN10	WO 02/61034	08/08/2002	WIPO			Yes No
	AO10	WO 03/25161	03/27/2003	WIPO			Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>118</u>	Hartley, J.L., <i>et al.</i> , "DNA Cloning Using In Vitro Site-Specific Recombination," <i>Genome Res.</i> 10:1788-1795, Cold Spring Harbor Laboratory Press (November 2000)
	AS	<u>118</u>	Heyman, J.A., <i>et al.</i> , "Genome-Scale Cloning and Expression of Individual Open Reading Frames Using Topoisomerase I-Mediated Ligation," <i>Genome Res.</i> 9:383-392, Cold Spring Harbor Laboratory Press (April 1999)
	AT	<u>118</u>	Lenski, R.E., <i>et al.</i> , "Genetic Analysis of a Plasmid-Encoded, Host Genotype-Specific Enhancement of Bacterial Fitness," <i>J. Bacteriol.</i> 176:3140-3147, American Society For Microbiology (1994)

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4/13/05

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FORM PTO-1449

**TENTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT**

ATTY. DOCKET NO.
0942.5010002/RWE/BJD/JKM

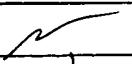
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09/732,914

APPLICANT(S)
Cheo *et al.*

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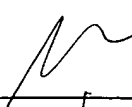
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>119</u>	Ohara, O. and Temple, G., "Directional cDNA library construction assisted by the <i>in vitro</i> recombination reaction," <i>Nucl. Acids Research</i> 29:e22(1-8), Oxford University Press (2001)
	AS	<u>119</u>	Russell, M., "A recombination-based cloning system that decreases time to protein analysis," <i>Am. Biotechnol. Lab.</i> 18:8,10, International Scientific Communications, Inc. (June 2000)
	AT	<u>119</u>	Sinclair, B., "Honing Your Cloning," <i>The Scientist</i> 14:29-32, The Scientist Inc. (August 21, 2000)

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FORM PTO-1449

TENTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0942.5010002/RWE/BJD/JKMAPPLICATION NO.
09/732,914APPLICANT(S)
Cheo *et al.*FILING DATE
December 11, 2000ART UNIT
1636

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	120	Invitrogen Online Catalog, "The Echo™ Cloning System: The Future of Cloning is Here," available at: http://web.archive.org/web/20010112191100/www.invitrogen.com/catalog_project/cat_echo.html (accessed July 7, 2004)
	AS	120	Invitrogen Online Catalog, "The Echo™ Cloning System: The Future of Cloning is Here," available at: http://invitrogen.com/content.cfm?pageid=3371&cfd=16767784&cftoken=62396683 (accessed July 7, 2004)
	AT	120	Office Action for U.S. Patent Application No. 09/907,719, mailed on July 13, 2004

EXAMINER

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7/13/05

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	121	Office Action for U.S. Patent Application No. 09/432,085, mailed on July 16, 2004
	AS	121	Office Action for U.S. Patent Application No. 10/058,291, mailed on September 22, 2004
	AT	121	Office Action for U.S. Patent Application No. 10/058,292, mailed on September 22, 2004

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FORM PTO-7449

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	122	Office Action for U.S. Patent Application No. 09/855,797, mailed on October 1, 2004				
	AS	122	Office Action for U.S. Patent Application No. 09/695,065, mailed on October 27, 2004				
	AT						

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Cheo *et al.*

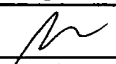
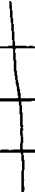
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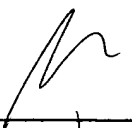


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	AA20	4,808,537	02/28/1989	Stroman <i>et al.</i>			10/30/1984
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	AC20	4,959,217	09/25/1990	Sanders <i>et al.</i>			05/22/1986
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>200</u>	Agah, R., <i>et al.</i> , "Gene Recombination in Postmitotic Cells. Targeted Expression of Cre Recombinase Provokes Cardiac-restricted, Site-specific Rearrangement in Adult Ventricular Muscle In Vivo," <i>J. Clin. Invest.</i> 100:169-179, The American Society for Clinical Investigation, Inc. (July 1997)
	AS	<u>200</u>	Benoist, C. and Chambon, P., "In vivo sequence requirements of the SV40 early promoter region," <i>Nature</i> 290:304-310, Macmillan Journals, Ltd. (1981)
	AT	<u>200</u>	Botstein, D., <i>et al.</i> , "Making Mutations <u>In Vitro</u> and Putting Them Back Into Yeast," in <i>From Gene to Protein: Translation into Biotechnology</i> , Ahmad, F., <i>et al.</i> , eds., Academic Press, New York, NY, pp. 265-274 (1982)

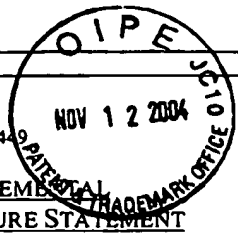
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FORM PTO-1449
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ATTY. DOCKET NO. 0942.5010002/RWE/BJD/JKM	APPLICATION NO. 09/732,914
APPLICANT(S) Cheo <i>et al.</i>	
FILING DATE December 11, 2000	ART UNIT 1636

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	AR	<u>201</u>	Broach, J.R., "The Yeast Plasmid 2 μ Circle," <i>Cell</i> 28:203-204, MIT (1982)
	AS	<u>201</u>	Cenatiempo, Y., "Prokaryotic gene expression <i>in vitro</i> : transcription-translation coupled systems," <i>Biochimie</i> 68:505-515, Elsevier (1986)
	AT	<u>201</u>	Christiansen, B., <i>et al.</i> , "A Resolvase-Like Protein Is Required for the Site-Specific Integration of the Temperate Lactococcal Bacteriophage TP901-1," <i>J. Bacteriol.</i> 178:5164-5173, American Society for Microbiology (September 1996)

EXAMINER JAMES KETTER	DATE CONSIDERED 4/13/05
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FORM PTO-1449

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APPLICATION NO.

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	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>202</u>	Crellin, P.K. and Rood, J.I., "The Resolvase/Invertase Domain of the Site-Specific Recombinase TnpX Is Functional and Recognizes a Target Sequence That Resembles the Junction of the Circular Form of the <i>Clostridium perfringens</i> Transposon Tn4451," <i>J. Bacteriol.</i> 179:5148-5156, American Society for Microbiology (August 1997)
	AS	<u>202</u>	Ferrin, L.J. and Camerini-Otero, R.D., "Sequence-specific ligation of DNA using RecA protein," <i>Proc. Natl. Acad. Sci. USA</i> 95:2152-2157, National Academy of Sciences (March 1998)
	AT	<u>202</u>	Golic, K.G. and Golic, M.M., "Engineering the <i>Drosophila</i> Genome: Chromosome Rearrangements by Design," <i>Genetics</i> 144:1693-1711, The Genetics Society of America (1996)

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FORM PTO-1489

NOV 12 2004

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ATTY. DOCKET NO.
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APPLICATION NO.
09/732,914

APPLICANT(S)

Cheo *et al.*

FILING DATE

December 11, 2000

ART UNIT

1636



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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	203	Gottesman, S., "Bacterial Regulation: Global Regulatory Networks," <i>Ann. Rev. Genet.</i> 18:415-441, Annual Reviews, Inc. (1984)
	AS	203	Guo, F., <i>et al.</i> , "Structure of Cre recombinase complexed with DNA in a site-specific recombination synapse," <i>Nature</i> 389:40-46, Nature Publishing Group (September 1997)
	AT	203	Hallet, B. and Sherratt, D.J., "Transposition and site-specific recombination: adapting DNA cut-and-paste mechanisms to a variety of genetic rearrangements," <i>FEMS Microbiol. Rev.</i> 21:157-178, Elsevier Science B.V. (September 1997)

EXAMINER

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DATE CONSIDERED

9/17/05

EXAMINER: Initial if reference to prior art citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>204</u>	Hamer, D.H. and Walling, M., "Regulation <i>In Vivo</i> of a Cloned Mammalian Gene: Cadmium Induces the Transcription of a Mouse Metallothionein Gene in SV40 Vectors," <i>J. Mol. Appl. Genet.</i> 1:273-288, Raven Press (1982)
	AS	<u>204</u>	Hanks, S.K. and Hunter, T., "The eukaryotic protein kinase superfamily: kinase (catalytic) domain structure and classification," <i>FASEB J.</i> 9:576-596, The Federation of American Societies for Experimental Biology (May 1995)
	AT	<u>204</u>	Huang, L.-C., <i>et al.</i> , "Convenient and Reversible Site-Specific Targeting of Exogenous DNA into a Bacterial Chromosome by Use of the FLP Recombinase: the FLIRT System," <i>J. Bacteriol.</i> 179:6076-6083, American Society for Microbiology (October 1997)

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FORM PTO 1449

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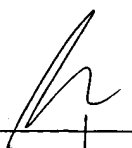

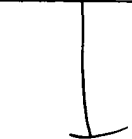
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	AR	205	John, Jr., J.F. and Twitty, J.A., "Plasmids as Epidemiologic Markers in Nosocomial Gram-Negative Bacilli: Experience at a University and Review of the Literature," <i>Rev. Infect. Dis.</i> 8:693-704, University of Chicago (1986)
	AS	205	Johnston, S.A. and Hopper, J.E., "Isolation of the yeast regulatory gene <i>GAL4</i> and analysis of its dosage effects on the galactose/melibiose regulon," <i>Proc. Natl. Acad. Sci. USA</i> 79:6971-6975, National Academy of Sciences (1982)
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FORM PTO-449 NOV 12 2004

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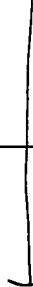

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>206</u>	Lyznik, L.A., <i>et al.</i> , "Activity of yeast FLP recombinase in maize and rice protoplasts," <i>Nucleic Acids Res.</i> 21:969-975, Oxford University Press (1993)
	AS	<u>206</u>	Maniatis, T., "Recombinant DNA Procedures in the Study of Eukaryotic Genes," in <i>Cell Biology: A Comprehensive Treatise, Volume 3, Gene Expression: The Production of RNA's</i> , Goldstein, L., and Prescott, D.M., eds., Academic Press, Inc., New York, NY, pp. 563-608 (1980)
	AT	<u>206</u>	Mayer, B.J. and Baltimore, D., "Signalling through SH2 and SH3 domains," <i>Trends Cell Biol.</i> 3:8-13, Elsevier Science (1993)

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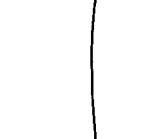

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	AR	207	McKnight, S.L., "Functional Relationships between Transcriptional Control Signals of the Thymidine Kinase Gene of Herpes Simplex Virus," <i>Cell</i> 31:355-365, MIT (1982)
	AS	207	Nunes-Düby, S.E., <i>et al.</i> , "λ Integrase cleaves DNA <i>in cis</i> ," <i>EMBO J.</i> 13:4421-4430, Oxford University Press (1994)
	AT	207	Odell, J., <i>et al.</i> , "Site-directed recombination in the genome of transgenic tobacco," <i>Mol. Gen. Genet.</i> 223:369-378, Springer-Verlag (1990)

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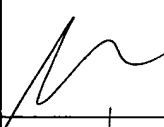

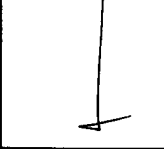
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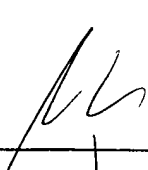
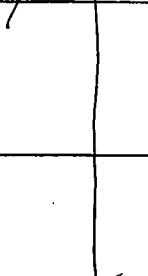
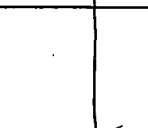
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	AL						Yes No
	AM						Yes No
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	AR	<u>209</u>	Sauer, B. and Henderson, N., "Targeted Insertion of Exogenous DNA into the Eukaryotic Genome by the Cre Recombinase," <i>New Biol.</i> 2:441-449, Saunders Scientific Publications/W.B. Saunders Company (1990)
	AS	<u>209</u>	Senecoff, J.F., <i>et al.</i> , "The FLP recombinase of the yeast 2- μ m plasmid: Characterization of its recombination site," <i>Proc. Natl. Acad. Sci. USA</i> 82:7270-7274, National Academy of Sciences (1985)
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FORM PTO-1449

**ELEVENTH SUPPLEMENTAL
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ATTY. DOCKET NO.

0942.5010002/RWE/BJD/JKM

APPLICATION NO.

09/732,914

APPLICANT(S)

Cheo *et al.*

FILING DATE

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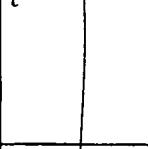
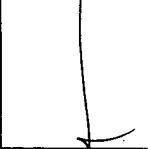
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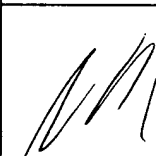

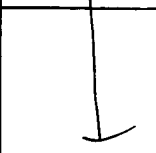
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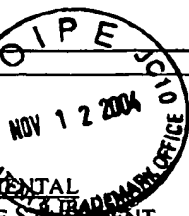
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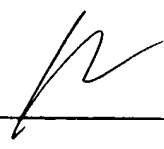
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	AL20	FR 2 670 502	06/16/1992	France			Yes X No
	AM20	WO 92/10577	06/25/1992	WIPO			Yes X No
	AN20	WO 94/20604	09/15/1994	WIPO			Yes No
	AO20	WO 00/29000	05/25/2000	WIPO			Yes No
	AP20	WO 00/52027	09/08/2000	WIPO			Yes No

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	AT	213	Office Action for U.S. Patent Application No. 10/820,133 mailed on November 17, 2004

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	AL21	WO 00/52141	09/08/2000	WIPO			Yes No
	AM21	WO 01/25466	04/12/2001	WIPO			Yes No
	AN21	WO 01/42509	06/14/2001	WIPO			Yes No
	AO21	WO 02/46372	06/13/2002	WIPO			Yes No
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	AR	214	Office Action for U.S. Patent Application No. 09/907,719 mailed on December 28, 2004
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	AT	214	U.S. Patent Application No. 10/877,952, Welch <i>et al.</i>, filed July 28, 2004 (NOT PUBLISHED)

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	AM22	WO 02/95055	11/28/2002	WIPO			Yes No
	AN22	WO 03/044207	05/30/2003	WIPO			Yes No
	AO22	WO 04/009768	01/29/2004	WIPO			Yes No
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